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FILE 'USPAT2' ENTERED AT 15:13:04 ON 07 NOV 2002  
CA INDEXING COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

=> s Yang, Sze Cheng/in  
L1 10 YANG, SZE CHENG/IN

=> s 11 and conduct? polymer#  
1 FILES SEARCHED...

L2 10 L1 AND CONDUCT? POLYMER#

=> s 12 and complex? and conjugated polymer# and polyelectrolyte#  
1 FILES SEARCHED...

L3 3 L2 AND COMPLEX? AND CONJUGATED POLYMER# AND POLYELECTROLYTE#

=> d 13 1-3

L3 ANSWER 1 OF 3 PCTFULL COPYRIGHT 2002 Univentio

**Full Text**

AN 2000032844 PCTFULL ED 20020515  
TIEN WATER-BORNE POLYMERIC **COMPLEX** AND ANTI-CORROSIVE COMPOSITION  
TIFR **COMPLEXE** POLYMERES EN DISPERSION DANS L'EAU ET COMPOSITION ANTICORROSION  
IN **YANG, Sze, Cheng**; BROWN, Richard  
PA THE BOARD OF GOVERNORS FOR HIGHER EDUCATION, STATE OF RHODE ISLAND AND  
PROVIDENCE PLANTATIONS; YANG, Sze, Cheng; BROWN, Richard  
LA English  
DT Patent  
PI WO 2000032844 A1 20000608  
DS JP US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
AI WO 1999-US28307 A 19991201  
PRAI US 1998-60/110,612 19981202  
ICM C23F011-173

L3 ANSWER 2 OF 3 USPATFULL

**Full Text** **Citing References**

AN 2002:67341 USPATFULL  
TI Functionalized and processable **conducting polymers**  
IN **Yang, Sze Cheng**, Wakefield, RI, UNITED STATES  
PI US 2002037994 A1 20020328  
AI US 2001-905316 A1 20010713 (9)  
PRAI US 2000-218089P 20000713 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 725  
INCL INCLM: 528/422.000  
INCLS: 528/373.000; 525/191.000; 525/202.000; 525/242.000; 429/212.000;  
429/213.000  
NCL NCLM: 528/422.000  
NCLS: 528/373.000; 525/191.000; 525/202.000; 525/242.000; 429/212.000;  
429/213.000  
IC [7]

ICM: C08G073-00

ICS: C08L049-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 3 OF 3 USPATFULL

Full  
TextCiting  
References

AN 2000:157087 USPATFULL  
 TI Electroactive polymer coatings for corrosion control  
 IN **Yang, Sze Cheng**, Wakefield, RI, United States  
 Racicot, Robert J., Narragansett, RI, United States  
 Clark, Robert L., Middletown, RI, United States  
 Liu, Huaibing, Kingston, RI, United States  
 Brown, Richard, Wakefield, RI, United States  
 Alias, Mohd Norazmi, Senawang, Malaysia  
 PA The Board of Governors for Higher Education, State of Rhode Island and  
 Providence Plantations, Providence, RI, United States (U.S. corporation)  
 PI US 6150032 20001121  
 AI US 1995-502215 19950713 (8)  
 DT Utility  
 FS Granted  
 LN.CNT 843  
 INCL INCLM: 428/457.000  
 INCLS: 428/458.000; 428/461.000; 428/463.000; 252/500.000; 528/422.000;  
 528/378.000  
 NCL NCLM: 428/457.000  
 NCLS: 252/500.000; 428/458.000; 428/461.000; 428/463.000; 528/378.000;  
 528/422.000  
 IC [7]  
 ICM: H01B001-00  
 ICS: B32B015-08; B32B015-18; B32B015-20  
 EXF 428/457; 428/423.1; 428/461; 428/458; 428/460; 428/463; 428/469;  
 252/500; 252/518-521; 252/519.2; 252/519.21; 252/519.3; 252/521.5;  
 528/373; 528/378; 528/391; 528/422; 528/487

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=&gt; s strand# and conjugated polymer# and polyelectrolyte#

1 FILES SEARCHED...

L4 18 STRAND# AND CONJUGATED POLYMER# AND POLYELECTROLYTE#

=&gt; s 14 and electrically conduct?

1 FILES SEARCHED...

L5 14 L4 AND ELECTRICALLY CONDUCT?

=&gt; s 15 and (polyaniline or polyacetylene or polythiophene#)

L6 14 L5 AND (POLYANILINE OR POLYACETYLENE OR POLYTHIOPHENE#)

=&gt; s 16 and complex?

L7 14 L6 AND COMPLEX?

=&gt; d 17 1-14

L7 ANSWER 1 OF 14 PCTFULL COPYRIGHT 2002 Univentio

Full  
Text

AN 2000032844 PCTFULL ED 20020515  
 TIEN WATER-BORNE POLYMERIC **COMPLEX** AND ANTI-CORROSIVE COMPOSITION  
 TIFR **COMPLEXE** POLYMERE EN DISPERSION DANS L'EAU ET COMPOSITION ANTICORROSION  
 IN YANG, Sze, Cheng; BROWN, Richard  
 PA THE BOARD OF GOVERNORS FOR HIGHER EDUCATION, STATE OF RHODE ISLAND AND  
 PROVIDENCE PLANTATIONS; YANG, Sze, Cheng; BROWN, Richard  
 LA English

DT Patent  
 PI WO 2000032844 A1 20000608  
 DS JP US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
 AI WO 1999-US28307 A 19991201  
 PRAI US 1998-60/110,612 19981202  
 ICM C23F011-173

L7 ANSWER 2 OF 14 PCTFULL COPYRIGHT 2002 Univentio

Full  
Text

AN 1999066572 PCTFULL ED 20020515  
 TIEN POLYMERIC THIN-FILM REVERSIBLE ELECTROCHEMICAL CHARGE STORAGE DEVICES  
 TIFR DISPOSITIFS DE STOCKAGE DE CHARGE ELECTROCHIMIQUE POLYMERES REVERSIBLES  
 A COUCHE MINCE  
 IN GRUNWALD, Yaron; HIDE, Fumitomo  
 PA ADVEN POLYMERS, INC.; GRUNWALD, Yaron; HIDE, Fumitomo  
 LA English  
 DT Patent  
 PI WO 9966572 A1 19991223  
 DS AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE  
 GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK  
 MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN  
 YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE  
 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN  
 GW ML MR NE SN TD TG  
 AI WO 1999-US13614 A 19990616  
 PRAI US 1998-09/100,203 19980619  
 ICM H01M004-02  
 ICS H01M004-60; H01M004-04; H01M010-40

L7 ANSWER 3 OF 14 PCTFULL COPYRIGHT 2002 Univentio

Full  
Text

AN 1999057550 PCTFULL ED 20020515  
 TIEN DETECTION OF A TARGET IN A SAMPLE  
 TIFR DETECTION D'UNE CIBLE DANS UN ECHANTILLON  
 IN EICHEN, Yoav; SIVAN, Uri; BRAUN, Erez  
 PA TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD.; EICHEN, Yoav; SIVAN,  
 Uri; BRAUN, Erez  
 LA English  
 DT Patent  
 PI WO 9957550 A1 19991111  
 DS AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE  
 GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK  
 MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN  
 YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE  
 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN  
 GW ML MR NE SN TD TG  
 AI WO 1999-IL232 A 19990504  
 PRAI IL 1998-124322 19980504  
 ICM G01N027-327  
 ICS G01N033-543; G01N027-00; C12Q001-68

L7 ANSWER 4 OF 14 PCTFULL COPYRIGHT 2002 Univentio

Full  
Text

AN 1999004440 PCTFULL ED 20020515  
 TIEN MICROELECTRONIC COMPONENTS AND ELECTRONIC NETWORKS COMPRISING DNA  
 TIFR COMPOSANTS DE MICRO-ELECTRONIQUE ET RESEAUX ELECTRONIQUES COMPORTANT DE  
 L'ADN  
 IN BRAUN, Erez; EICHEN, Yoav; SIVAN, Uri; BEN-JOSEPH, Gdalyahu  
 PA TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD.; BRAUN, Erez; EICHEN,  
 Yoav; SIVAN, Uri; BEN-JOSEPH, Gdalyahu  
 LA English

DT Patent  
 PI WO 9904440 A1 19990128  
 DS AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM  
 HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX  
 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH  
 GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES  
 FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN  
 TD TG  
 AI WO 1998-IL329 A 19980714  
 PRAI IL 1997-121312 19970714  
 ICM H01L051-20  
 ICS G06F015-80

L7 ANSWER 5 OF 14 PCTFULL COPYRIGHT 2002 Univentio

Full  
Text

AN 1998052042 PCTFULL ED 20020514  
 TIEN MOLECULAR WIRE INJECTION SENSORS  
 TIFR CAPTEURS A INJECTION DE FILS MOLECULAIRES  
 IN KEEN, Randy, E.  
 PA KEENSENSE, INC.; KEEN, Randy, E.  
 LA English  
 DT Patent  
 PI WO 9852042 A1 19981119  
 DS AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GW  
 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO  
 NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH GM  
 KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI  
 FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG  
 AI WO 1998-US9838 A 19980513  
 PRAI US 1997-8/856,822 19970514  
 ICM G01N033-543

L7 ANSWER 6 OF 14 PCTFULL COPYRIGHT 2002 Univentio

Full  
Text

AN 1998035012 PCTFULL ED 20020514  
 TIEN METHODS AND PRODUCTS FOR ANALYZING POLYMERS  
 TIFR PROCEDES ET PRODUITS PERMETTANT D'ANALYSER DES POLYMERES  
 IN CHAN, Eugene, Y.  
 PA CHAN, Eugene, Y.  
 LA English  
 DT Patent  
 PI WO 9835012 A2 19980813  
 DS AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM  
 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX  
 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH  
 GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI  
 FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG  
 AI WO 1998-US3024 A 19980211  
 PRAI US 1997-60/037 921 19970212  
 US 1997-60/064,687 19971105  
 ICM C12M001-34  
 ICS C12Q001-68

L7 ANSWER 7 OF 14 USPATFULL

Full  
Text

Citing  
References

AN 2002:221316 USPATFULL  
 TI Methods and products for analyzing polymers  
 IN Chan, Eugene Y., Brookline, MA, UNITED STATES  
 PI US 2002119455 A1 20020829  
 AI US 2001-852968 A1 20010510 (9)  
 RLI Division of Ser. No. US 1998-134411, filed on 13 Aug 1998, PATENTED

PRAI WO 1998-US3024 19980211  
 US 1997-64687P 19971105 (60)  
 US 1997-37921P 19970212 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 6864  
 INCL INCLM: 435/006.000  
 NCL NCLM: 435/006.000  
 IC [7]  
 ICM: C12Q001-68  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 8 OF 14 USPATFULL

Full Text	Citing References
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AN 2002:67341 USPATFULL  
 TI Functionalized and processable conducting polymers  
 IN Yang, Sze Cheng, Wakefield, RI, UNITED STATES  
 PI US 2002037994 A1 20020328  
 AI US 2001-905316 A1 20010713 (9)  
 PRAI US 2000-218089P 20000713 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 725  
 INCL INCLM: 528/422.000  
 INCLS: 528/373.000; 525/191.000; 525/202.000; 525/242.000; 429/212.000;  
 429/213.000  
 NCL NCLM: 528/422.000  
 NCLS: 528/373.000; 525/191.000; 525/202.000; 525/242.000; 429/212.000;  
 429/213.000  
 IC [7]  
 ICM: C08G073-00  
 ICS: C08L049-00  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 9 OF 14 USPATFULL

Full Text	Citing References
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AN 2002:50774 USPATFULL  
 TI Methods and products for analyzing polymers  
 IN Chan, Eugene Y., Brookline, MA, United States  
 PA US Genomics, Woburn, MA, United States (U.S. corporation)  
 PI US 6355420 B1 20020312  
 AI US 1998-134411 19980813 (9)  
 RLI Continuation of Ser. No. WO 1998-US3024, filed on 11 Feb 1998  
 PRAI US 1997-37921P 19970212 (60)  
 US 1997-64687P 19971105 (60)  
 DT Utility  
 FS GRANTED  
 LN.CNT 6818  
 INCL INCLM: 435/006.000  
 INCLS: 435/094.000; 435/149.000; 435/287.100; 435/287.200; 435/970.000;  
 435/973.000  
 NCL NCLM: 435/006.000  
 NCLS: 435/094.000; 435/149.000; 435/287.100; 435/287.200; 435/970.000;  
 435/973.000  
 IC [7]  
 ICM: C12Q001-68  
 EXF 435/6; 435/94; 435/149; 435/287.1; 435/287.2; 435/970; 435/973; 250/340;  
 250/341  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 10 OF 14 USPATFULL



Full Text	Citing References
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AN 2002:27117 USPATFULL  
 TI Molecular wire injection sensors  
 IN Keen, Randy E., San Diego, CA, UNITED STATES  
 PA KeenSense, Inc. (U.S. corporation)  
 PI US 2002015963 A1 20020207  
 AI US 2001-960165 A1 20010920 (9)  
 RLI Continuation-in-part of Ser. No. US 1999-365109, filed on 30 Jul 1999, PENDING  
 DT Utility  
 FS APPLICATION  
 LN.CNT 2729  
 INCL INCLM: 435/006.000  
 NCL NCLM: 435/006.000  
 IC [7]  
 ICM: C12Q001-68  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 11 OF 14 USPATFULL

Full Text	Citing References
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AN 2001:220900 USPATFULL  
 TI Molecular wire injection sensors  
 IN Keen, Randy E., San Diego, CA, United States  
 PA KeenSense, Inc., San Diego, CA, United States (U.S. corporation)  
 PI US 6326215 B1 20011204  
 AI US 1999-365109 19990730 (9)  
 RLI Division of Ser. No. US 1997-856822, filed on 14 May 1997, now patented, Pat. No. US 6060327  
 DT Utility  
 FS GRANTED  
 LN.CNT 3114  
 INCL INCLM: 436/518.000  
 INCLS: 204/400.000; 204/403.000; 422/082.010; 422/082.020; 427/002.110; 435/006.000; 435/004.000; 435/287.100; 435/287.200; 436/149.000; 436/150.000; 436/151.000; 436/524.000; 436/525.000; 436/531.000; 436/806.000  
 NCL NCLM: 436/518.000  
 NCLS: 204/400.000; 204/403.110; 204/403.140; 257/414.000; 422/082.010; 422/082.020; 427/002.110; 427/002.130; 435/004.000; 435/006.000; 435/287.100; 435/287.200; 436/149.000; 436/150.000; 436/151.000; 436/524.000; 436/525.000; 436/531.000; 436/806.000; 438/001.000  
 IC [7]  
 ICM: G01N033-543  
 EXF 204/400; 204/403; 422/82.01; 422/82.02; 435/6; 435/4; 435/287.1; 435/287.2; 436/149; 436/150; 436/151; 436/518; 436/524; 436/525; 436/531; 436/806; 427/2.11  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 12 OF 14 USPATFULL

Full Text	Citing References
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AN 2000:157087 USPATFULL  
 TI Electroactive polymer coatings for corrosion control  
 IN Yang, Sze Cheng, Wakefield, RI, United States  
 Racicot, Robert J., Narragansett, RI, United States  
 Clark, Robert L., Middletown, RI, United States  
 Liu, Huaibing, Kingston, RI, United States  
 Brown, Richard, Wakefield, RI, United States  
 Alias, Mohd Norazmi, Senawang, Malaysia  
 PA The Board of Governors for Higher Education, State of Rhode Island and Providence Plantations, Providence, RI, United States (U.S. corporation)  
 PI US 6150032 20001121

AI US 1995-502215 19950713 (8)  
 DT Utility  
 FS Granted  
 LN.CNT 843  
 INCL INCLM: 428/457.000  
 INCLS: 428/458.000; 428/461.000; 428/463.000; 252/500.000; 528/422.000;  
 528/378.000  
 NCL NCLM: 428/457.000  
 NCLS: 252/500.000; 428/458.000; 428/461.000; 428/463.000; 528/378.000;  
 528/422.000  
 IC [7]  
 ICM: H01B001-00  
 ICS: B32B015-08; B32B015-18; B32B015-20  
 EXF 428/457; 428/423.1; 428/461; 428/458; 428/460; 428/463; 428/469;  
 252/500; 252/518-521; 252/519.2; 252/519.21; 252/519.3; 252/521.5;  
 528/373; 528/378; 528/391; 528/422; 528/487  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 13 OF 14 USPATFULL

Full Citing  
 Text References

AN 2000:98138 USPATFULL  
 TI Polymeric thin-film reversible electrochemical charge storage devices  
 IN Grunwald, Yaron, San Jose, CA, United States  
 PA Adven Polymers, Inc., San Jose, CA, United States (U.S. corporation)  
 PI US 6096453 20000801  
 AI US 1998-100203 19980619 (9)  
 DT Utility  
 FS Granted  
 LN.CNT 1754  
 INCL INCLM: 429/212.000  
 INCLS: 429/213.000  
 NCL NCLM: 429/212.000  
 NCLS: 429/213.000  
 IC [7]  
 ICM: H01M004-60  
 EXF 429/212; 429/213; 429/303  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 14 OF 14 USPATFULL

Full Citing  
 Text References

AN 2000:57621 USPATFULL  
 TI Molecular wire injection sensors  
 IN Keen, Randy E., San Diego, CA, United States  
 PA Keensense, Inc., San Diego, CA, United States (U.S. corporation)  
 PI US 6060327 20000509  
 AI US 1997-856822 19970514 (8)  
 DT Utility  
 FS Granted  
 LN.CNT 2968  
 INCL INCLM: 436/518.000  
 INCLS: 204/400.000; 204/403.000; 422/082.010; 422/082.020; 435/006.000;  
 435/287.100; 435/287.200; 436/149.000; 436/150.000; 436/151.000;  
 436/524.000; 436/525.000; 436/531.000; 436/806.000  
 NCL NCLM: 204/403.140  
 NCLS: 204/400.000; 257/414.000; 422/082.010; 422/082.020; 435/006.000;  
 435/287.100; 435/287.200; 436/149.000; 436/150.000; 436/151.000;  
 436/518.000; 436/524.000; 436/525.000; 436/531.000; 436/806.000  
 IC [7]  
 ICM: G01N033-543  
 EXF 204/400; 204/403; 422/82.01; 422/82.02; 435/6; 435/287.1; 435/287.2;  
 436/518; 436/524; 436/525; 436/531; 436/149; 436/150; 436/151; 436/806  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.